## Index of Claims

Application/Control No.

09/828,889 Examiner

Applicant(s)/Patent under Reexamination

YAGIHASHI ET AL.

Art Unit 3685

Rejected = Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

CRISTINA OWEN SHERR

Appeal Α o Objected

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|----------|---|---|---|---------------------------------------|---------|----------|-----------|----------|----------|----------|---------------|---------|---------|----------|---------|---------|----------|-----|-------|----------|----------|---------|----------|----------|---------------|---------|---------|
|          | Date  |   |   |                                       |         |          | 4         | Cla      | im       | Ц,       | Date          |         |         |          |         |         | Claim    |     |       | Date     |          |         |          |          |               |         |         |
| Original | 8/12/08   |   |   |                                       |         |          |           |          | Final    | Original |               |         |         |          |         |         |          |     | Final | Original |          |         |          |          |               |         |         |
| 1        | -   | $\neg$  | $^{+}$                                    | $^{+}$                                | t       | T        | П         | ┪.       |          | 51       |               | $^{+}$  | $\top$  | $\Box$   | $\top$  | $^{+}$  |          | _ h |       | 101      | $\top$   | $\top$  |          |          | $\neg$        |         | t       |
| 2        | -   |   | $\top$                                    | $\top$                                | $\top$  |          | П         | ٦.       |          | 52       |               |         |         |          |         |         |          |     |       | 102      |          |         |          |          | $\neg$        |         | T       |
| 3        | +   | П   | Т   | Т                                     | Т       | Г        | П         | 7        |          | 53       | П             | Т       | Т       |          |         | Т       |          |     |       | 103      | $\neg$   |         |          |          | $\neg$        |         | Т       |
| 4        |   | П   | Т   | Т                                     | Т       | П        | П         | ٦.       |          | 54       |               | Т       | Т       | П        | Т       | Т       |          | П   |       | 104      | Т        | Т       |          |          | Т             | Т       | Т       |
| 5        | +   | П   | Т   | Т                                     | Т       | П        | П         | ٦.       |          | 55       |               | Т       | Т       | П        | Т       | Т       |          | Г   |       | 105      |          | Т       |          |          | $\neg$        | Т       | Т       |
|          | +   |   |   |                                       |         |          |           |          |          |          |               |         |         |          |         |         |          |     |       |          |          |         |          |          |               |         | Т       |
|          |   |   | $\perp$                                   | $\perp$                               | $\perp$ |          |           |          |          |          |               | $\perp$ |         |          |         |         |          |     |       |          | $\perp$  |         |          |          |               |         | Т       |
|          |   |   |   |                                       | Ш       |          | ш         |          |          |          |               | $\perp$ |         |          |         |         |          | L   |       |          |          |         |          |          |               |         | ┸       |
|          |   |   | $\perp$                                   | $\perp$                               | $\perp$ | $\perp$  | Ш         | _        |          |          |               | $\perp$ | $\perp$ |          | _       | $\perp$ |          | L   |       |          | $\perp$  |         |          |          |               |         | $\perp$ |
|          |   |   | $\perp$                                   | $\perp$                               |         |          | Ш         | _        |          |          |               | $\perp$ |         |          |         |         |          | L   |       | 110      |          |         |          |          |               |         | $\perp$ |
|          |   | $\perp$   | $\perp$                                   | $\perp$                               | $\perp$ |          | ш         | 4        |          | 61       |               | $\perp$ | $\perp$ | $\perp$  | _       | $\perp$ |          | L   |       |          | _        | $\perp$ |          |          | _             |         | $\perp$ |
|          |   | $\perp$   | $\perp$                                   | $\perp$                               | 1       | 1        | $\vdash$  | 4        | $\vdash$ |          |               | $\perp$ | +       |          | 4       | +       |          | L   |       |          | _        | $\perp$ | ш        |          | _             | _       | $\perp$ |
|          |   | +   | +   | +                                     | +       | ₩        | $\vdash$  | 4        | $\vdash$ |          | Н             | +       | +       | $\perp$  | +       | +       | $\perp$  | H   |       |          | _        | +       | Н        |          | -             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\mapsto$ | 4        | $\vdash$ |          | $\vdash$      | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | -     |          | -        | +       | Н        | Н        | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | 4        | $\vdash$ |          | $\vdash$      | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     | 115      | +        | +       | Н        | $\vdash$ | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | $\dashv$ | $\vdash$ |          | $\vdash$      | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | -     |          | +        | +       | Н        | $\vdash$ | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | +        | $\vdash$ |          | $\vdash$      | +       | +       |          | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | $\vdash$ | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | -        | $\vdash$ |          | +             | +       | +       | +        | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | $\vdash$ | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | $\vdash$ | $\vdash$  | -        | $\vdash$ |          | +             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | Н        | +             | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | -        | $\vdash$ |          | $\rightarrow$ | +       | +       | $\vdash$ | +       | +       | $\vdash$ | Н   | _     | 120      | +        | +       | $\vdash$ | -        | $\rightarrow$ | -       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | $\dashv$ | -        |          | +             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | $\vdash$ | $\rightarrow$ | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | $\dashv$ | $\vdash$ |          | $\rightarrow$ | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | +        | +       | $\vdash$ | -        | $\rightarrow$ | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | $\dashv$ |          |          |               | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | -        | $\rightarrow$ | +       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | ┥.       |          |          | $\rightarrow$ | +       | +       | +        | $\pm$   | +       | $\vdash$ | - 1 |       |          | $^+$     | +       | $\vdash$ | -        | $\rightarrow$ | _       | +       |
|          |   | +   | +   | +                                     | +       | +        | $\vdash$  | ┨        |          |          | $\vdash$      | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   |       |          | $^+$     | +       | Н        | -        | $\rightarrow$ | +       | +       |
|          |   | $^{+}$  | +   | +                                     | +       | -        | $\vdash$  | ┥.       |          |          | $\dashv$      | $^{+}$  | +       | +        | $^{-}$  | +       | $\vdash$ | H   |       |          | $^{+}$   | +       | Н        |          | $\neg$        | _       | +       |
|          | -   | $\top$  | +   | +                                     | +       | $\vdash$ | H         | ┪        |          |          |               | $^{+}$  | +       | H        |         | +       |          | H   |       | 128      | $^{+}$   | $^{-}$  | Н        |          | $\neg$        | _       | +       |
|          |   | $\neg$  | $^{+}$                                    | +                                     |         | 1        | H         | ┥.       |          |          |               | $^{+}$  | $\top$  |          | $\neg$  | +       |          | -   |       | 129      | $\dashv$ |         |          |          | $\neg$        | _       | $^{+}$  |
| 30       |   | $\neg$  | $^{+}$                                    | $^{\dagger}$                          | T       | T        | П         | ┪.       |          | 80       | П             | $\top$  | $\top$  |          |         | +       |          | - 1 |       | 130      | $\neg$   | $\top$  | П        |          | $\neg$        |         | T       |
| 31       |   |   | $\top$                                    |                                       |         |          | П         | 7        |          | 81       |               |         |         |          |         |         |          | -   |       |          |          |         |          |          |               |         |         |
| 32       |   |   | 1   |                                       |         |          | П         | ٦.       |          | 82       |               |         |         |          |         |         |          |     |       | 132      |          |         |          |          | $\neg$        |         |         |
| 33       |   | П   | $\top$                                    | T                                     |         | Т        | П         | 7        |          | 83       | $\Box$        |         | $\top$  |          |         |         |          |     |       | 133      | $\neg$   |         |          |          |               |         | Т       |
| 34       |   | П   | Т   | Т                                     | Т       | Г        | П         | 7        |          | 84       | П             | Т       | Т       |          |         | Т       |          |     |       | 134      | $\neg$   |         |          |          | $\neg$        |         | Т       |
| 35       |   |   | Τ   | Τ                                     |         | Г        |           |          |          | 85       |               | Τ       | Τ       |          | Т       | Τ       |          |     |       | 135      | Τ        |         |          |          | $\Box$        | Τ       | Τ       |
| 36       |   |   |   | $\perp$                               |         |          |           |          |          | 86       |               | $\perp$ |         |          |         |         |          |     |       | 136      | _        |         |          |          |               |         |         |
| 37       |   | $\Box$  | T   | Γ                                     | $\Box$  |          |           | _]       |          | 87       |               | I       | Г       |          | I       | Г       |          | - [ |       | 137      |          | $\perp$ |          |          |               | Т       | Г       |
|          |   | $\perp$   | $\perp$                                   | $\perp$                               |         |          |           | 4        |          |          | П             | _       | $\perp$ |          | _       | $\perp$ |          |     |       |          | _        |         |          |          |               |         | $\perp$ |
|          | $oxed{oxed}$  | $\perp$   | 4   | $\perp$                               | $\perp$ | $\perp$  | $\sqcup$  | 4        |          |          |               | $\perp$ | $\perp$ |          | 4       | $\perp$ |          | L   |       |          | _        | $\perp$ | Ш        |          | _             |         | 1       |
|          |   | $\perp$   | $\perp$                                   | $\perp$                               | 1       | 1        | $\perp$   | 4        |          |          |               | $\perp$ | $\perp$ |          | 4       | $\perp$ |          |     |       |          | $\perp$  | $\perp$ |          |          | _             | $\perp$ | $\perp$ |
|          |   | $\perp$   | +   | $\perp$                               | $\perp$ | 1        | $\sqcup$  | 4        |          |          | Ш             | $\perp$ | $\perp$ | $\sqcup$ | 4       | $\perp$ | $\perp$  | L   |       |          | _        | $\perp$ | Ш        | Ш        | _             | _       | $\perp$ |
|          | _   | $\perp$   | +   | +                                     | +       | -        | $\vdash$  | 4        | $\vdash$ |          |               | +       | +       |          | $\perp$ | +       |          | H   |       |          | $\perp$  | $\perp$ | Ш        |          | $\rightarrow$ | $\perp$ | +       |
|          | _   | $\perp$   | $\perp$                                   | $\perp$                               | 1       | 1        | $\vdash$  | 4        | $\vdash$ |          |               | $\perp$ | +       |          | 4       | +       |          | L   |       |          | _        | $\perp$ | ш        |          | _             | _       | $\perp$ |
|          |   | $\perp$   | $\perp$                                   | +                                     | $\perp$ | ⊢        | ш         | 4        | $\vdash$ |          |               | $\perp$ | +       |          | _       | +       | $\perp$  | L   |       |          | _        | $\perp$ | Н        |          | _             | _       | $\perp$ |
|          | <u> </u>  | -   | +   | +                                     | ╀       | ₩        | $\vdash$  | 4        | $\vdash$ |          | Н             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | _        | +       | Н        | Ш        | _             | _       | +       |
|          | <u> </u>  | $\vdash$  | +   | +                                     | +       | ₩        | $\vdash$  | 4        | $\vdash$ |          | Н             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     | 146      | _        | +       | Н        | Ш        | -             | _       | +       |
|          | <u> </u>  | $\vdash$  | +   | +                                     | +       | ₩        | $\vdash$  | 4        | $\vdash$ |          | Н             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | _        | +       | Н        | Ш        | -             | _       | +       |
|          | _   | +   | +   | +                                     | +       | ⊢        | $\vdash$  | 4        | $\vdash$ |          |               | +       | +       | $\vdash$ | -       | +       | $\vdash$ | H   |       |          | -        | +       | Н        |          | $\rightarrow$ | _       | +       |
|          | -   | +   | +   | +                                     | +       | ⊢        | $\vdash$  | 4        | $\vdash$ |          | Н             | +       | +       | $\vdash$ | +       | +       | $\vdash$ | H   | _     |          | +        | +       | Н        | $\vdash$ | $\rightarrow$ | _       | +       |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>33<br>33<br>34<br>35<br>36<br>36<br>36<br>37<br>37<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 | 1 2 3 4 1 | 1 3 3 + 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 1   -   -   -   -   -   -   -   -   - | 1       | 1        | 1         | 1        | 1        | 1        | 1             | 1 -     | 1       | 1        | 1       | 1       | 1        | 1   | 1 =   | 1        | 1 =      | 1       | 1        | 1        | 1             | 1       | 1       |